

Title (en)
TRAILER ELECTRONIC BRAKING SYSTEM

Title (de)
ELEKTRONISCHES ANHÄNGERBREMSSYSTEM

Title (fr)
SYSTÈME DE FREINAGE ÉLECTRONIQUE DE REMORQUE

Publication
EP 2129561 B2 20180905 (EN)

Application
EP 08718861 A 20080325

Priority
• GB 2008001026 W 20080325
• GB 0705522 A 20070322

Abstract (en)
[origin: WO2008114039A1] A trailer electronic braking system for a road train comprising a tractor and a plurality of trailers. The braking system comprises a braking ECU on at least one trailer and an ABS system on a further trailer and communication means being provided so that the braking ECU on a first trailer and the ABS control unit on a second trailer are able to communicate with one another, in use, the braking ECU on the first receives an input from a respective sensor on the first trailer adapted to detect lateral acceleration and/or wheel speed, in the event that said sensor detects lateral acceleration and/or a wheel speed indicative of a loss of stability, the sensor generates a signal for actuating stability control, which signal is passed via the communication means to the ABS control unit on the other trailer, so that the other trailer can actuate the brakes on that trailer.

IPC 8 full level
B60T 8/17 (2006.01); **B60T 8/1755** (2006.01); **B60T 8/32** (2006.01)

CPC (source: EP GB US)
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Citation (opposition)
Opponent :
• EP 1902917 A2 20080326 - WABCO GMBH [DE]
• GB 2284458 A 19950607 - GRAU LTD [GB]
• EP 1571058 A1 20050907 - WABCO GMBH & CO OHG [DE]
• US 2003225499 A1 20031204 - HOLLER GUSZTAV [US]
• DE 10216564 A1 20031023 - WABCO GMBH & CO OHG [DE]
• WO 0222416 A1 20020321 - KNORR BREMSE SYSTEME [DE], et al
• MCADAM C. ET AL: "Rearward Amplification Suppression (RAMS)", December 2000, UNIVERSITY OF MICHIGAN
• ERVIN R. ET AL: "Two active Systems for Enhancing Dynamic Stability in Heavy Truck Operations", July 1998, THE UNIVERSITY OF MICHIGAN

Cited by
US11491832B2; US11084342B2; US10670479B2; US11135882B2; US10696109B2; US10940726B2; US11221262B2

Designated contracting state (EPC)
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